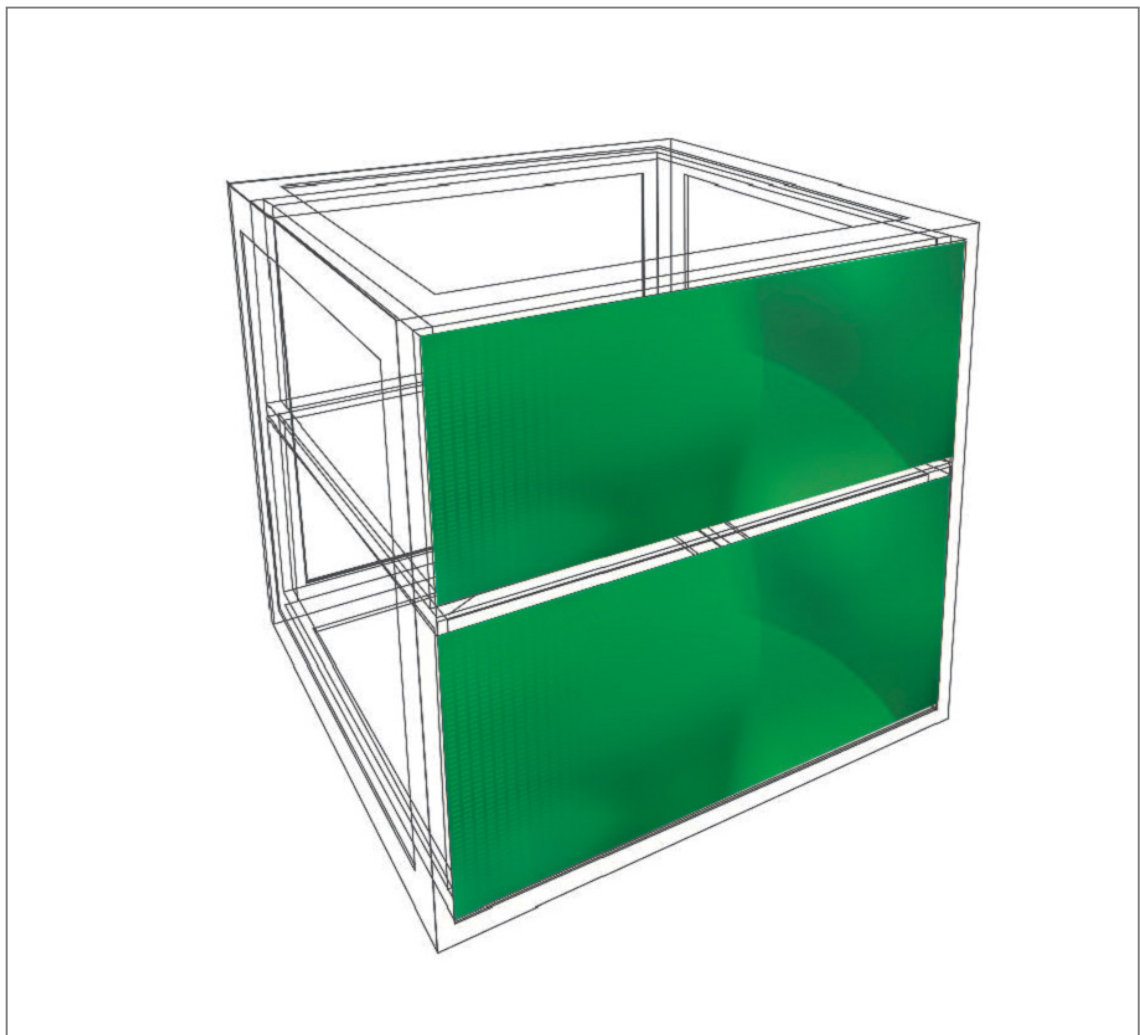




GANILEOS - User Manual

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IMPRINT

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1. Introduction

This manual describes the planning software Grass Ganileos. This internet-based software solution enables the construction of cabinet furniture by simplifying the selection of the matching GRASS connectors. After completing a construction, the connectors can be obtained directly from the distributor. Individual connectors can further be selected via an Online catalogue, which displays the GRASS retail catalogue.

The following individual sections are described in this manual:

GRASS Catalogue

The GRASS catalogue displays the retail range. Individual connectors can be searched for in and requested from the catalogue.

Cabinet Planner

The Cabinet Planner enables the user to plan individual cabinets. The matching GRASS connectors are filtered and available to the user for selection on the basis of the construction.

My Ganileos

The planning information in My Ganileos are summarised in commissions. The connectors can then be requested from Construction and the GRASS catalogue. Connector lists, cutting dimension lists as well as drawings are also available for download.

2. System preparation

The following system requirements are necessary to prepare for the use of GRASS Ganileos. The listed Software must also be installed.

2.1 System requirements

2.1.1 Minimum requirements

The following requirements must be fulfilled to run GRASS Ganileos on your PC:

- Windows XP SP2, Windows Vista, Windows 7, Windows Server 2003, Windows Server 2008 (R2), Mac OS 10.5.7+
- Processor: at least 1.6 GHz
- Memory: At least 512 MB RAM
- Stable Internet connection from UMTS/ADSL (approx. 384 kbit/s)
- NVIDIA or ATI graphics card with 128 MB graphics memory (256 MB Vista or later)
- Resolution 1280 x 1024 Pixel

2.1.2 Browser and Versions

You can use GRASS Ganileos with the following Internet browsers:

- Internet Explorer from Version 7
- Firefox from Version 3.6
- Chrome from Version 12

2.2 Installation

The following Software is required to use GRASS Ganileos and can be downloaded via the links below, free of charge:

- Microsoft Silverlight <http://www.microsoft.com/getsilverlight/Get-Started/Install/Default.aspx>
- Foxit PDF Reader <http://www.zdnet.de/download/615/foxit-pdf-reader.htm>
- 7-Zip <http://www.7-zip.de/>
- DXF Viewer <http://usa.autodesk.com/adsk/servlet/pc/item?siteID=123112&id=9078813>

3. Ganileos

3.1 Navigation

3.1.1 Navigation screen

The first dialogue displays the navigation screen. You can start individual GRASS Ganileos sections here:

GRASS Catalogue

The GRASS catalogue allows you to view the GRASS article range online and to add these articles to a commission.



Cabinet Planner

The Cabinet Planner allows the user to plan an individual cabinet and to automatically find the matching movement system for construction.



My Ganileos

Planning information is administered in My Ganileos. The movement systems can then be requested from Construction and the GRASS catalogue.








These modules are described in detail with regard to operation and functionality during the course of this document.



Figure 1 – GANILEOS Navigation screen

3.1.2 Standard functions

Standard functions are arranged in the upper right-hand section of the dialogues. These provide further navigation functions. The following functions are available:

	Opens the navigation screen
	Opens the My GANILEOS section
	Opens the GRASS catalogue
	Opens the user manual
	Opens the Cabinet Planner

3.2 GRASS Catalogue

3.2.1 Introduction

The GRASS catalogue allows you to view the GRASS product range online. The clearly accessible categories enable a fast and comfortable search for the desired article.

A search or filter function allows you to limit the number of results and find the desired article quickly.

3.2.2 Category view

Use the Category view to limit the search results. The more categories you open the more accurate the search result. The categories can be opened on the left side **(1)**. A further option to open the categories is to select the images in the right section of the dialogue **(2)**.

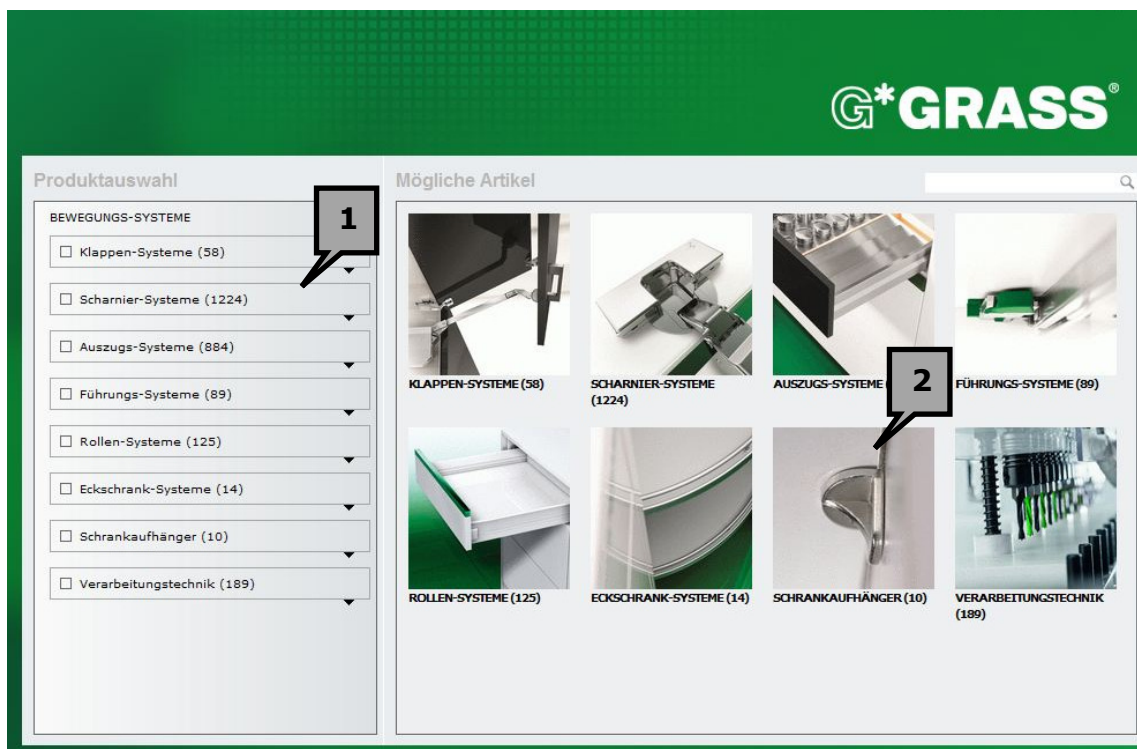


Image 2 – GRASS Catalogue Homepage

3.2.3 Attribute filter

Attribute filters allow you to search on the basis of article attributes. Attributes are, for example, the opening angle of a hinge system or the load rating of a drawer system.

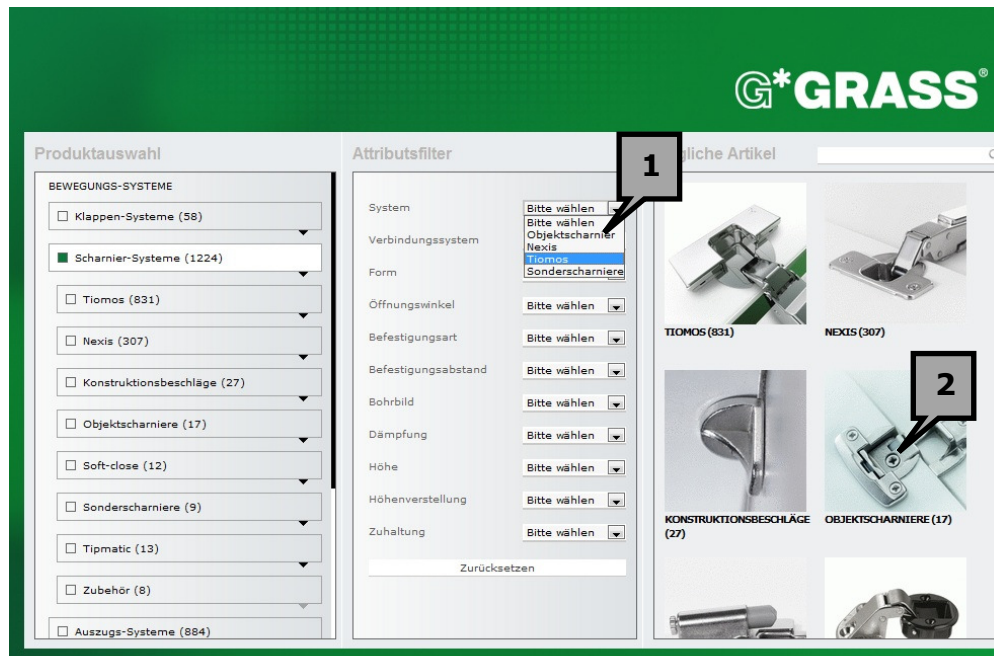


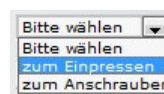
Image 3 – Attribute filter in the GRASS Catalogue

The attributes can be selected in the central section of the dialogue **(1)**. The possible articles are then displayed on the right side **(2)**. The more attributes you select, the more precise the result.

The following functions are available with regard to the attribute filter:

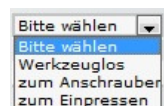
Activate Filters

Filters are activated by selecting an appropriate filter from the drop-down menu.



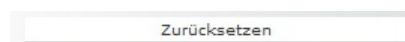
Deactivate Filters

To deactivate previously set filters, set the drop-down menu to *Please select*.



Reset the selection

To restore the complete selection of attribute filters, click on the Reset button.



As described in Chapter 3.2.2, you can limit the results in the Category view.

3.2.4 Search function

The Search function **(1)** in the GRASS Catalogue allows you to find GRASS articles with keywords. This search is suitable when you know the full or part of the article name. Search results are displayed in a list **(2)**.

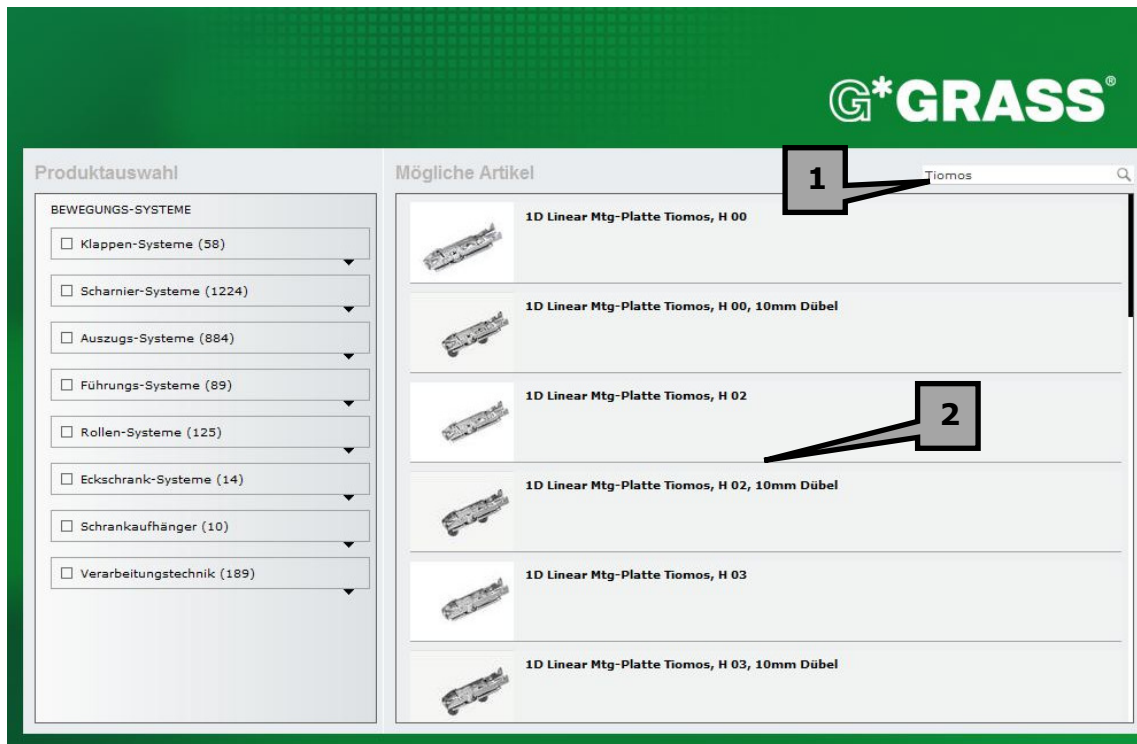


Image 4 – Article overview after using the Search function

3.2.5 Article information

Individual articles from the GRASS Catalogue can also be incorporated and subsequently called up in MY GANILEOS.

A detailed description **(1)**, a maximised preview **(2)** and the order number **(3)** of the article are displayed in the dialogue.

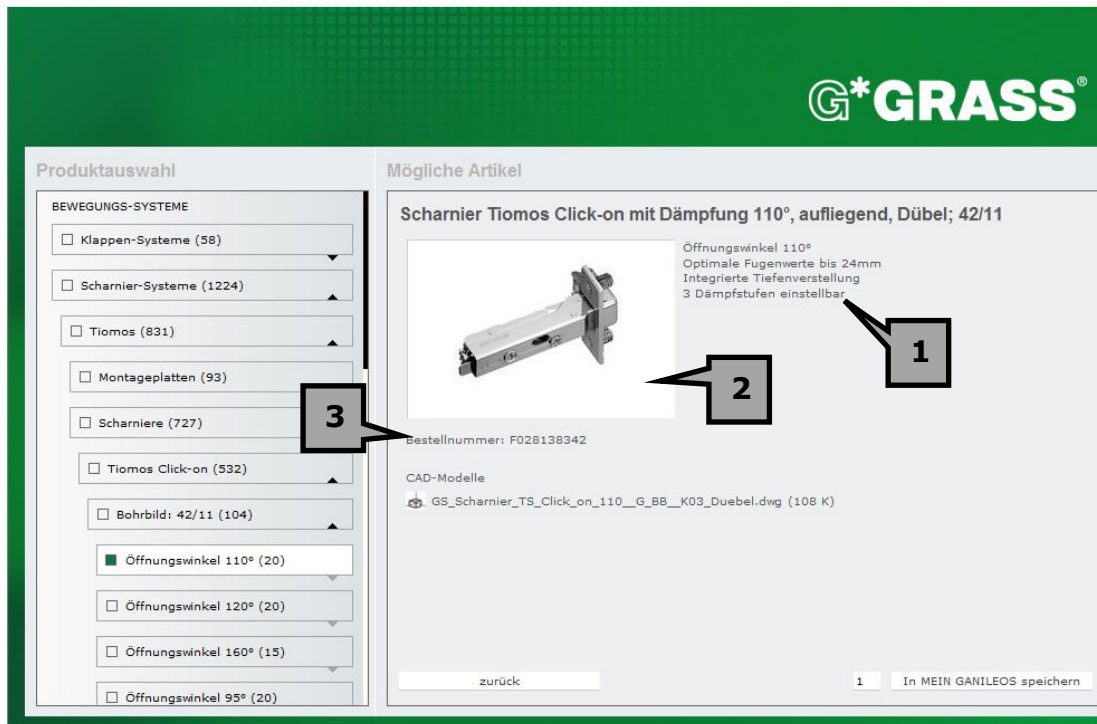
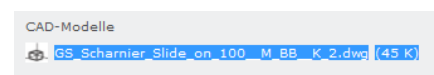


Image 5 – Article information

Download CAD Model

You can download a CAD model by selecting the article's DWG file.



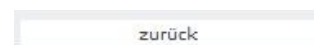
Save to MY GANILEOS

Transfer to a commission is possible by using the "Save to MY GANILEOS" button. You can also increase the number of available articles.



Back

The last called-up attribute view is opened by using the Back button.



3.3 Cabinet Planner

3.3.1 Introduction

The Ganileos Cabinet Planner allows the user to plan an individual cabinet and to automatically find the matching GRASS movement system for construction.

Drawings, cutting dimension lists and connector lists can be issued in various formats using different display functions.

The Cabinet Planner is divided into four steps.

Basic configuration

General parameters for the construction of the article are set in Basic configuration.



Subdivision and modules

The insert elements of the cabinet and their settings are defined in Subdivision and modules.



Selection of fittings

The step to select fittings is used to select the articles which are assigned to the respective insert elements.






Planning summary

Drawings, cutting dimension lists and fitting lists are displayed in the planning summary.



3.3.2 Cabinet selection

You can choose between three different cabinet types in the Cabinet selection dialogue:

Rectangular rack	
Corner cabinet - 90° Base cabinets	
Corner cabinet - Standard base cabinets	

This selection provides the basis for further article configuration.

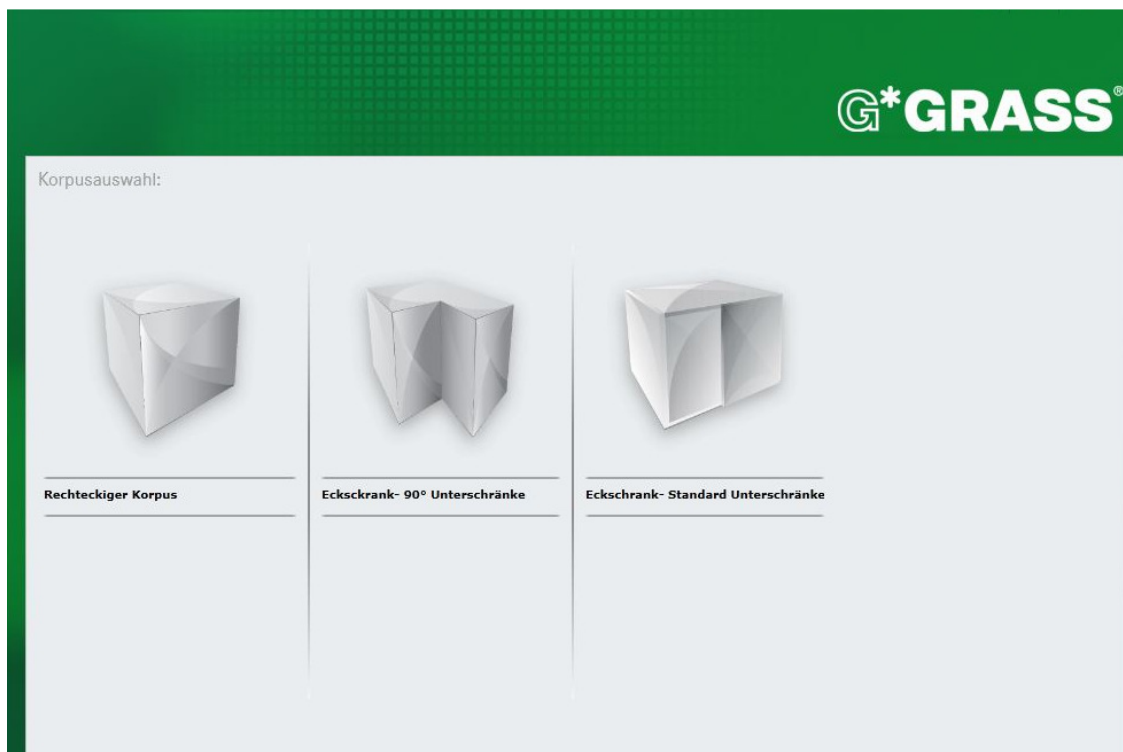


Figure 6 – Cabinet types

3.3.3 Basic configuration

Once a cabinet type has been selected, the Basic configuration dialogue will open.

Tabs are arranged in the upper section. The tabs are used to navigate within the 4 programme steps (forward/back). Processing follows the specified sequence.

General parameters for the construction of the article are set in Basic configuration.

The article's external and gap dimensions as well as fronts are configurable here **(1)**.

- Height (mm)
- Width (mm)
- Depth (mm)
- Top reveal (mm)
- Centre reveal (mm)
- Bottom reveal (mm)
- Left reveal (mm)
- Right reveal (mm)

Decisions regarding the construction are also made here.

- Planning with/without hole spacing
- Planning with/without back panel

The lower section **(2)** displays previews of the respectively selected parameter. The images support you during article configuration. Settings made in this frame can be viewed directly in the central section **(3)**. The external cabinet dimensions are also displayed in this section.

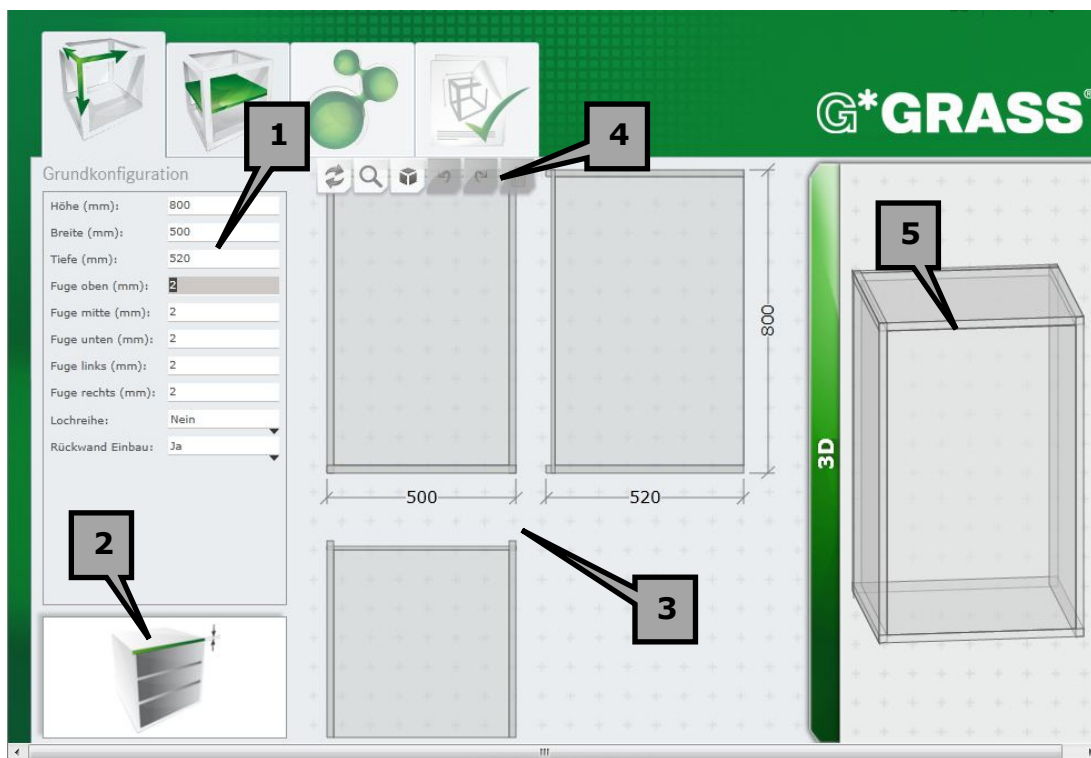










Image 7 – Workflow I "Basic configuration"

3.3.4 Cabinet navigation

3.3.4.1 Standard functions

The following standard functions are arranged below the tabs and provide extended cabinet navigation functions **(4)**:

	Refresh	Changes made to the basic configuration are displayed by refreshing the preview frames.
	Zoom all	Sets the view so that the complete article is visible in the frame.
	Isometric view	Returns the article previewed in 3D to isometry
	Undo	Reverses the last executed change
	Restore	Restores the action changed by the Undo function.
	Remove	Insert elements can be deleted with the Remove function, provided they are marked.
	Pan	Allows you to move the two-view projection in all directions.
	Deactivate	Deactivates view panning and restores the standard function.

3.3.4.2 Select elements

To change the settings of insert elements, they must be selected with the left mouse button. The insert element then turns green. The appropriate settings can then be changed on the left side.

3.3.4.3 3D Slider

The right section contains an interactive 3D preview **(5)**. The cabinet can be rotated into any position while pressing and holding the left mouse button. To adjust the size of the frame, pull the green 3D bar to the left and right.

The following navigation functions are possible:











Rotate article	Press and hold the left mouse button to rotate
Reduce article size	Move mouse wheel forwards
Enlarge article size	Move mouse wheel backwards

The standard functions described in Chapter 3.3.4.1 are also available.

3.3.5 Subdivision and modules

After basic configuration is completed, the cabinet with its insert elements can be equipped using the **Drag and Drop** function. This is done with the dialogue Subdivision and Modules on the second tab. Refer to Chapter 3.3.4 regarding structure and operation.

The cabinet can be equipped with the following insert elements:

Drawer	
Drawer inside	
Drawer including inset pull-out	
Door	
Flap	
Cabinet bottom panel	
Central cabinet wall	
Dust panel	
Back panel	
Blind panel	

These elements are located on the left next to the two-view projection in a scroll bar.

Apart from the standard functions, this dialogue also provides three-view projection and 3D slide preview options.

If you have marked an already installed element, you can change its parameters on the left side. The respective parameters are also described with an image in the left lower section. As the parameters refer to the marked elements, only their respectively relevant setting options are displayed.

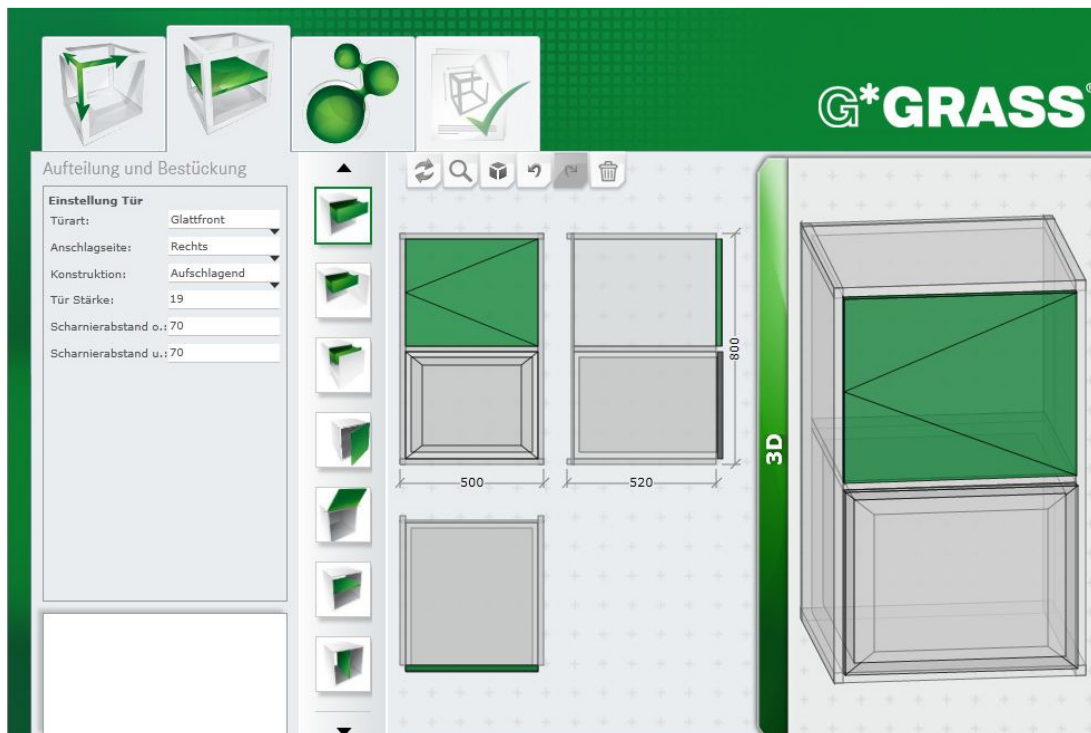


Image 8 – Parameter definition by selecting the zone

In order to insert elements such as drawers or doors into a zone, first select the appropriate zone **(1)**. This zone will then turn green.

A scroll bar is located to the left of the two-view projection. This contains all possible element modules. These can be dragged and dropped into the previously marked zone **(2)**. The element, using a construction base as an example, is subsequently installed in the cabinet **(3)**.

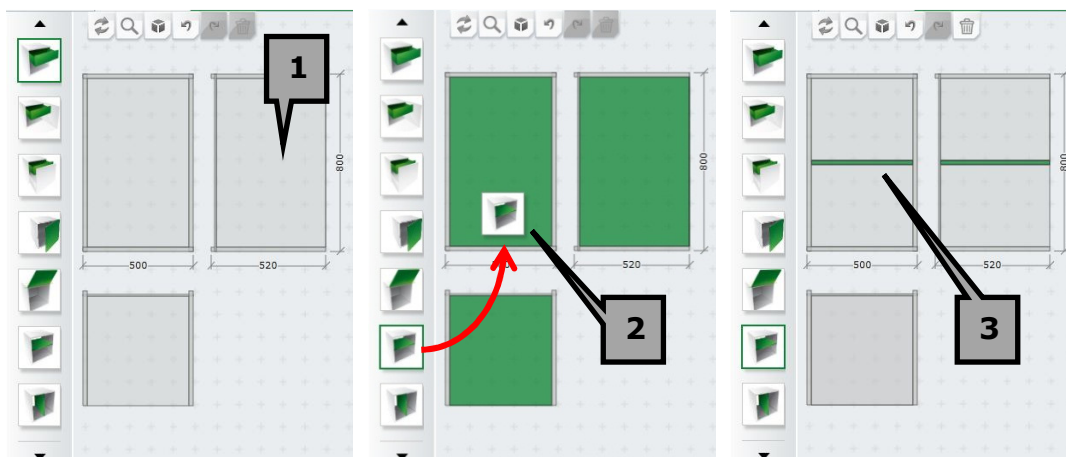


Image 9 – Illustration of the "Drag and Drop" function

3.3.5.1 Article rules

The following restrictions apply to the articles:

Rectangular rack



Maximum height	2500 mm
Maximum depth	2000 mm
Connectors	Dowels permitted only for component thicknesses of more than 23 mm, otherwise dowels and cams
Hole spacing	When using hole spacing, all processes are moved to hole spacing. This can be defined accordingly

Corner cabinet



Height limitation	Limits are between 690 mm - 950 mm
The corner cabinet does not contain insert elements	

Base cabinet



Height limitation	The limits lie between 600 and 900 mm
Minimum width	900 mm

3.3.5.2 Insert element rules

The programme observes the following constructive restrictions regarding insert elements:

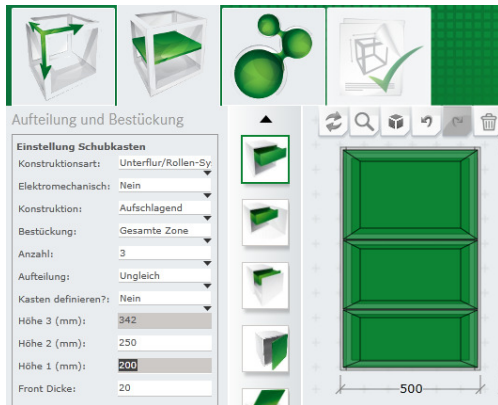
Drawer



Maximum installation width	1200mm (slide systems 1600 mm)
Inset construction	Comfort system not possible
Single wall drawer systems	Comfort system not possible
Slide system	<p>A railing is available in WF 3 for back panel excess values of 20 mm</p> <p>The maximum back panel height is defined in relevance to the cabinet height and subdivision settings</p>

Various **installation types** influence drawer installation:

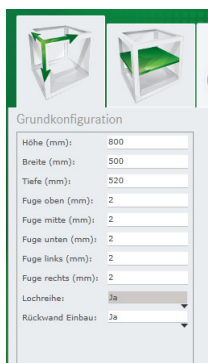
1. Optimum utilisation of space



If this option is selected, the drawer is constructed in such a way that the available space is optimally utilised. The drawer is installed as large as possible.

In Ganileos, the installation type **Optimum utilisation of space** is selected when the drawer subdivision is *unequal* or the reveals (upper, central, lower) are not set to be identical.

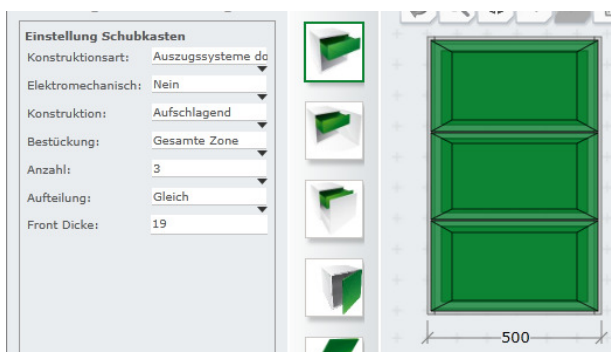
2. On hole spacing



With this function the drawers are constructed in such a way that they are fitted onto the existing hole spacing.

The installation type **On hole spacing** is used when the option *Hole spacing - yes* is activated. In this way all rails are pulled to the next row of drilled holes.

3. Identical panel boreholes



With this function the drawers are constructed in such a way that all fronts (panels) receive the same boreholes. The installation type **Identical panel boreholes** is used when *Subdivision - equal* is set for the drawers and the reveals (upper, central, lower) are set to identical.

Drawer inside



Slide system construction type

Frame door - wood frame

Slide system construction type	Spacer not possible- 160°/170° hinges in WF 3
Slide system construction type	Frame door - wood frame
Comfort system	Installation of comfort systems not possible
Insert element Door	For further restrictions, refer to insert element Door
Collision of slide and hinge	In this case the hinge distance (upper/lower) can be configured. There is also the option of determining the distance between the lower drawer and the bottom panel.

Drawer including inset pull-out



Comfort system	Installation on the lower drawer possible
Insert element Drawer	For further restrictions, refer to insert element Drawer

Door



Frame thickness Aluminium	Minimum 16 mm, maximum 24 mm
Aluminium frame width	Minimum 19 mm, maximum 22 mm
Frame thickness Wood	Minimum 13 mm, maximum 36 mm
Frame thickness Wood	Minimum 35 mm
Glass door thickness	Minimum 4 mm, maximum 6 mm
Smooth front thickness	Minimum 13 mm, maximum 60 mm
Installation dimensions for single door	Minimum 280 mm, maximum 1,000 mm
Installation dimensions for double door	Minimum 280 mm, maximum 2,000 mm
Maximum depth	900 mm
Maximum weight	29 kg

Flap



Flap installation

Is possible when article excess values are not defined. There are also dependencies to weight and flap height

Cabinet bottom panel



Possible versions

As base, as vertical division without component

Connectors

Dowels permitted only for component thicknesses of more than 23 mm, otherwise dowels and cams

Central cabinet wall



Connectors

Dowels permitted only for component thicknesses of more than 23 mm, otherwise dowels and cams

Hole spacing

When using the hole spacing in the article (basic configuration), there is the option of transferring the hole spacing to the central section

Dust panel



Back panel



Back panel installation

Back panel installation can be deactivated for the entire article, with its own insert element in the workflow "Cabinet modules" for the article's partial back panels

Blind panel



refer to insert element Door

regarding the frame thickness

3.3.6 Selection of fittings

The Grass movement systems are assigned to the construction in the dialogue on the third tab, whereby the required fitting can be comfortably searched for via various article filters.

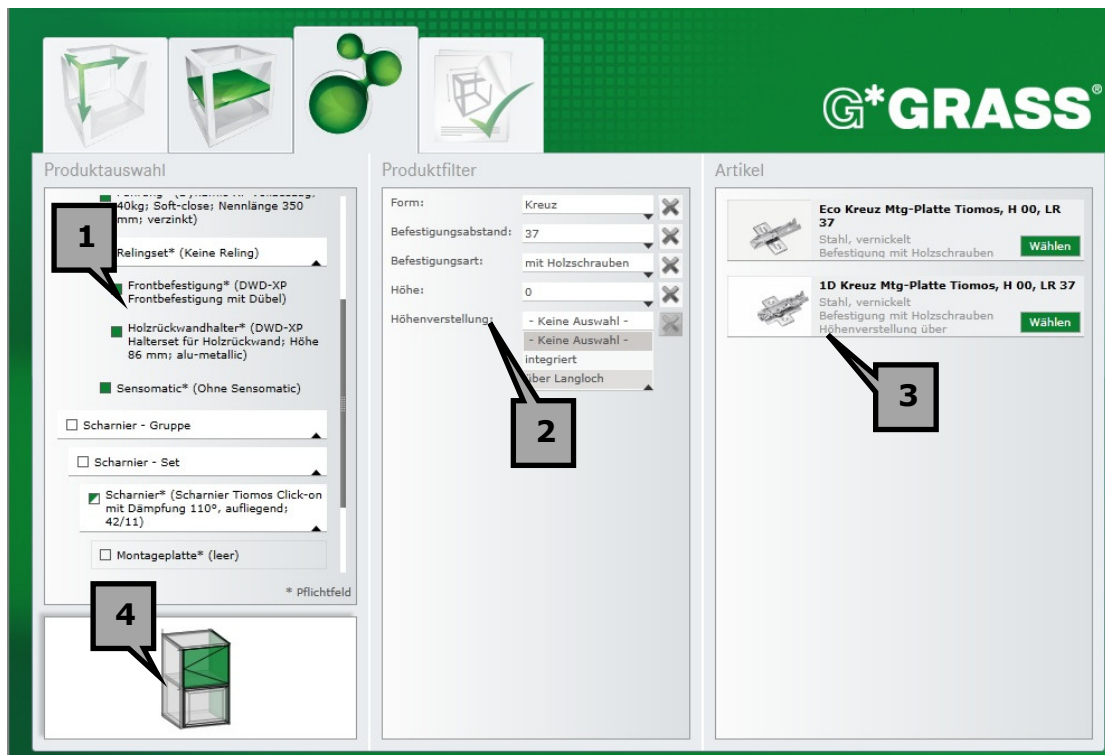


Image 10 – Selecting the right movement systems

Fitting types such as hinges or drawers are displayed on the left side **(1)**. The preview image below the article selection **(4)** visualises in which part of the construction the element is located. In the current example this is the door or the hinge respectively.

The article filters are set in the central section of the dialogue **(2)**. If a hinge connector is selected on the left side, the central section displays matching filters for hinges. These filters are optional but the selection becomes more accurate if you set as many filters as possible. These filters are selected via a drop-down menu. This means that only the available values are displayed.

The results are displayed on the right side of the dialogue **(3)**. By activating the "Select" button you can add this fitting to the current selection. An extended description of the fitting is possible by clicking on the preview or the description text.

If you want to deselect an already selected fitting, click on it and then click on "Deselect" on the right side. The selection returns to empty.

You can only access the last tab once all fittings (mandatory fields marked by an *) are selected.

Activate Filters

Filters are activated by selecting an appropriate filter from the drop-down menu.



Deactivate Filters

To deactivate previously set filters, set the drop-down menu to *Please select*.



3.3.7 Issues / Links

The last dialogue of the Cabinet Planner display a construction summary.

- Settings adjusted
- Preview
- Fitting list
- Cutting dimension list
- Drawings
- Accessories/Links

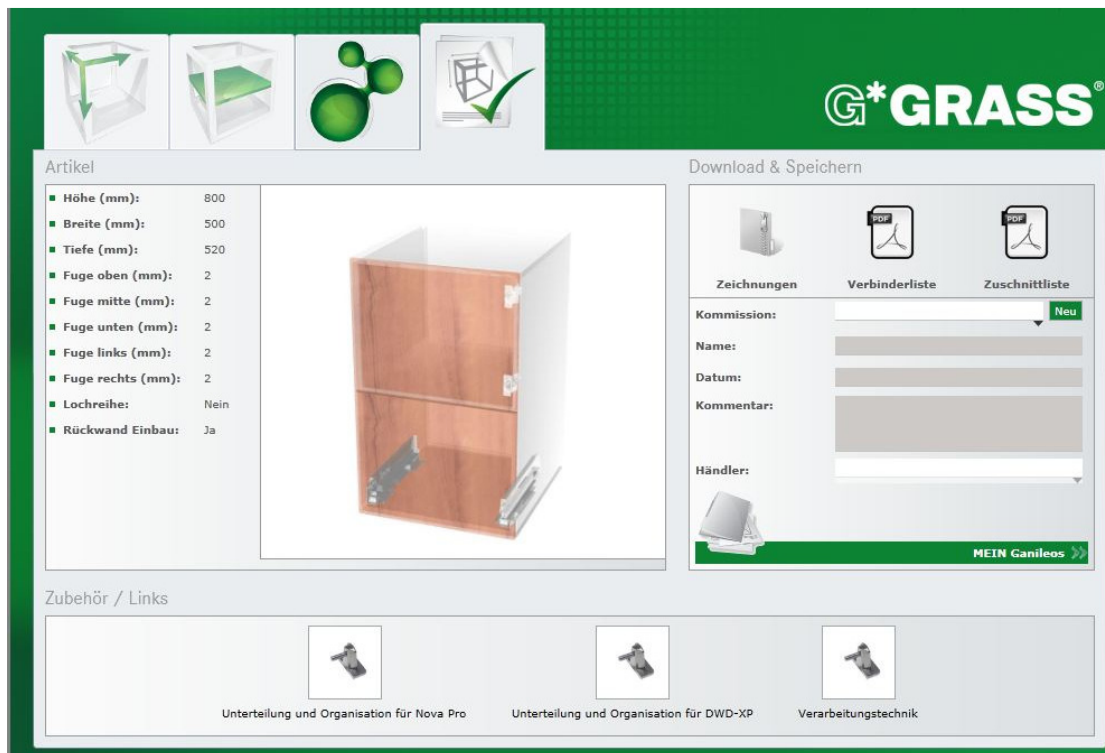


Image 11 – Planning summary

3.4 My Ganileos

You can administrate commissions and subsequently order them in My Ganileos.

A commission is a selection consisting of one or more constructions, and forms the basis for subsequent ordering of movement systems.

The issue of fitting and cutting dimension lists is also performed in My Ganileos.

3.4.1 Choose a distributor

3.4.1.1 Introduction

This dialogue displays all commissions, constructions and articles from the Online catalogue with the associated information. The commission can also be assigned a distributor.

In order to access the next dialogue you must assign the commission to a distributor **(1)**. Confirm your input with ENTER in accordance with the definition. You can start the enquiry process by clicking the "Commission enquiry" button.

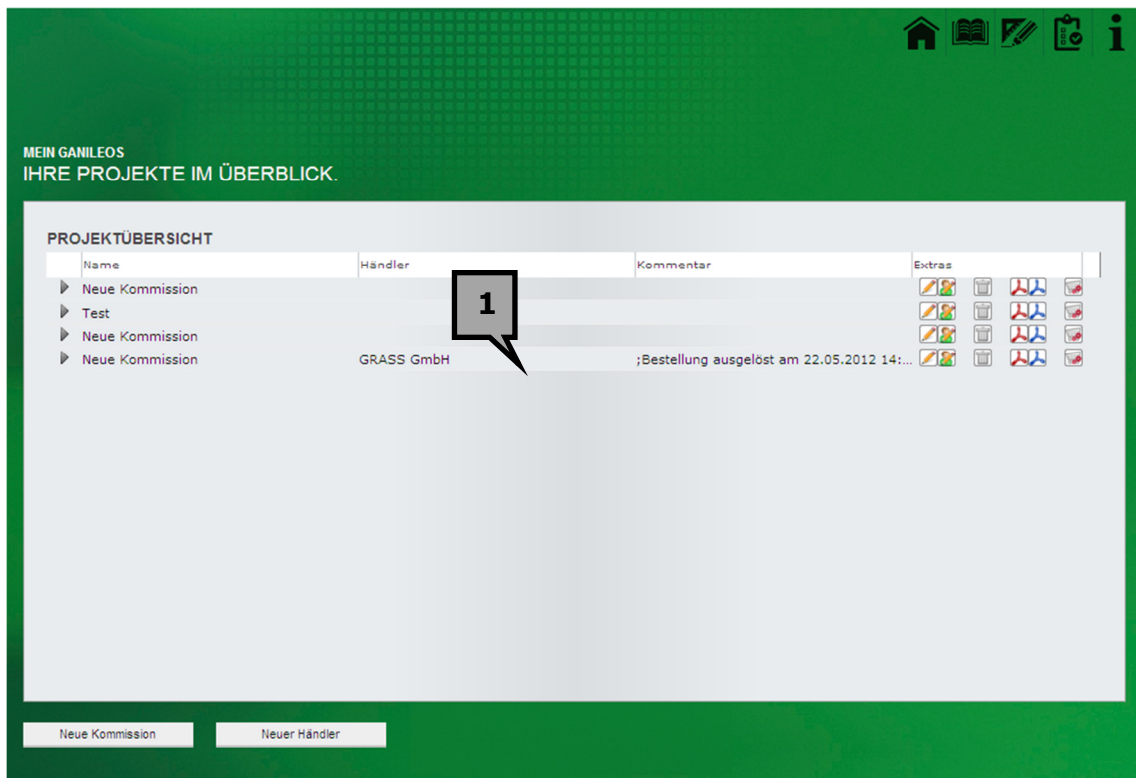


Image 12 – Select and confirm the distributor

3.4.1.2 Commission

A commission contains articles from the Online catalogue and the cabinet configurations.

Articles can be copied and moved from a commission. It is possible to generate parts lists from an entire commission (the total of all positions in a commission).

You can create new commissions as well as give the commission a name.

3.4.1.3 Item

Articles are cabinets configured with the Cabinet Planner and assigned to the commissions. Parts lists and drawings can be generated for an article. It is also possible to generate parts lists for several articles within a commission.

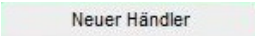










3.4.1.4 Online Catalogue Articles

Online catalogue articles are selected in the Grass Catalogue (refer to Ch. 3.2) and added to a commission. These are displayed below the commission in a separate category.

3.4.1.5 Functions

The following functions can be used to edit a commission in this dialogue:

Neue Kommission	Creates a new commission in a new line
-----------------	--

	Opens the dialogue to create a new distributor
	Edits information
	Distributor assignment and CSV download
	Delete the entire position
	Downloading the PDF cutting dimension list
	Downloading the PDF movement system list
	Editing the article
	Downloading the CSV movement system list
	Downloading the CSV cutting dimension list
	Downloading the DWG drawing
	Enquiring about a commission (distributor must be assigned first)

3.4.1.6 Drag & Drop

Articles can be dragged and dropped into a different commission. To achieve this, both commissions must be open.

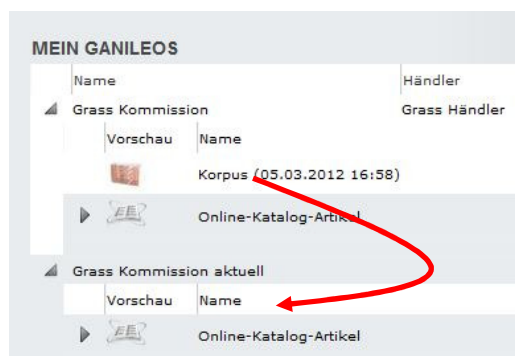


Image 13 – Illustration of the "Drag and Drop" function

3.4.1.7 Expanding lines

More information is displayed by selecting the arrow at the beginning of the line. An expanded commission lists the assigned articles. Assigned articles from the Online catalogue are also displayed.

The following columns are available for the respective positions:

Commission	Name
	Distributor
	Comment
	Extras
Design	Preview
	Name
	Number
	Comment
	Extras
Online Catalogue Articles	Preview
	Name
	Order number
	Number
	Comment
	Extras

3.4.2 Order volume selection

The number of determined positions is displayed in this dialogue in tabular form.

The following columns are available in this table.

- Article name
- Number
- Order number
- Extras

The number of positions can be edited irrespective of the created construction.

MEIN GANILEOS
BESTELLMENGEN EINGEBEN

BESTELLMENGEN			
Artikelname	Bestellnr.	Anzahl	Extras
Dynapro Vollauszug Soft-close NL480 40kg 3D	F130116023	2	
Rastkupplung und Verstelladapter im Set	F134125074	5	
Dynapro Vollauszug Soft-close NL250 40kg 3D	F130116014	3	

Projektübersicht Adresseingabe

Image 14 – Selecting order volumes

The following functions can be used in this dialogue:

Projektübersicht	Return to MY GANILEOS homepage
Adresseingabe	Leads to manual input of address data

3.4.3 Billing address/Delivery address

The billing and delivery address can be specified and edited in this dialogue.

MEIN GANILEOS
ADRESSEN EINGEBEN

RECHNUNGS- UND LIEFERADRESSE

Rechnungsadresse		Lieferadresse	
Firma	Grass	Firma	Grass
Name	Testuser Österreich	Name	Testuser Österreich
E-Mail		E-Mail	
Straße		Straße	
PLZ		PLZ	
Ort		Ort	

Bestellübersicht Zusammenfassung

Image 15 – Input of billing and delivery address

Bestellübersicht	Return to information on order volume
Zusammenfassung	Provides a detailed overview of available articles

3.4.4 Confirm

The last dialogue of My Ganileos displays a summary of the enquiry.

The following columns are available for the respective positions:

- Billing address
- Delivery address
- Position
- Order number
- Number
- Designation

MEIN GANILEOS
ANGABEN KONTROLLIEREN

BESTELLUNG (ZUSAMMENFASSUNG)

Rechnungsadresse		Lieferadresse	
Grass Testuser Österreich		Grass Testuser Österreich	

Pos		Anzahl	Bezeichnung
1	F130116023	2	Dynapro Vol্লাuszug Soft-close NL480 40kg 3D
2	F134125074	5	Rastkupplung und Verstelladapter im Set
3	F130116014	3	Dynapro Vol্লাuszug Soft-close NL250 40kg 3D

Adresse ändern CSV-Ausgabe PDF-Ausgabe

Image 16 – Order overview

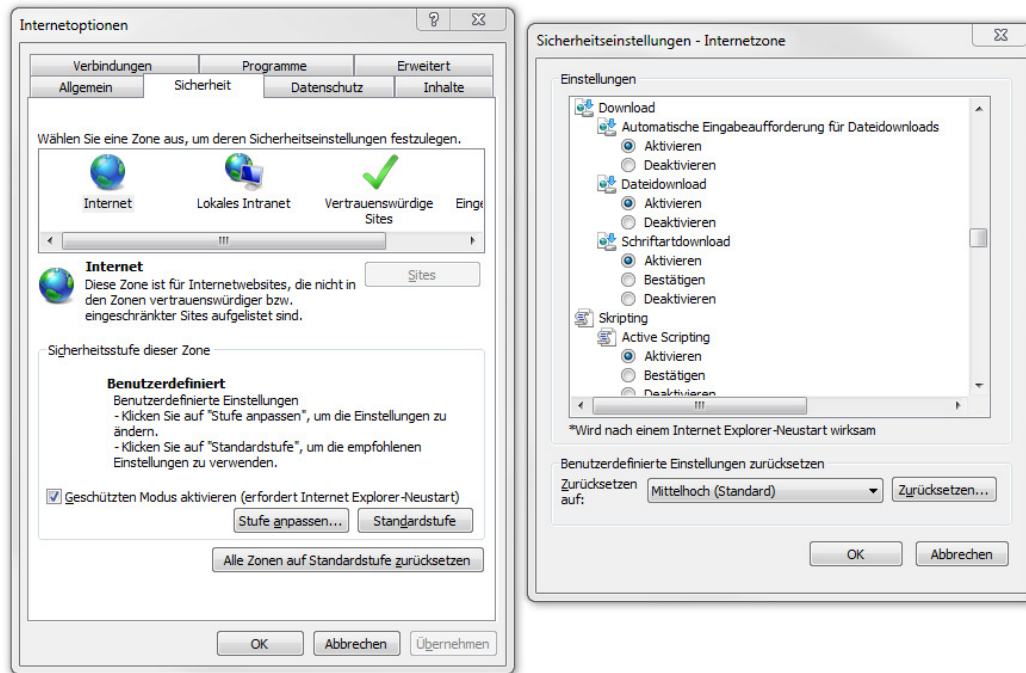
PDF-Ausgabe	Allows the enquiry to be issued in *.pdf format.
CSV-Ausgabe	Allows the enquiry to be issued in *.csv format.
Adresse ändern	Return to manual address input

4. FAQ

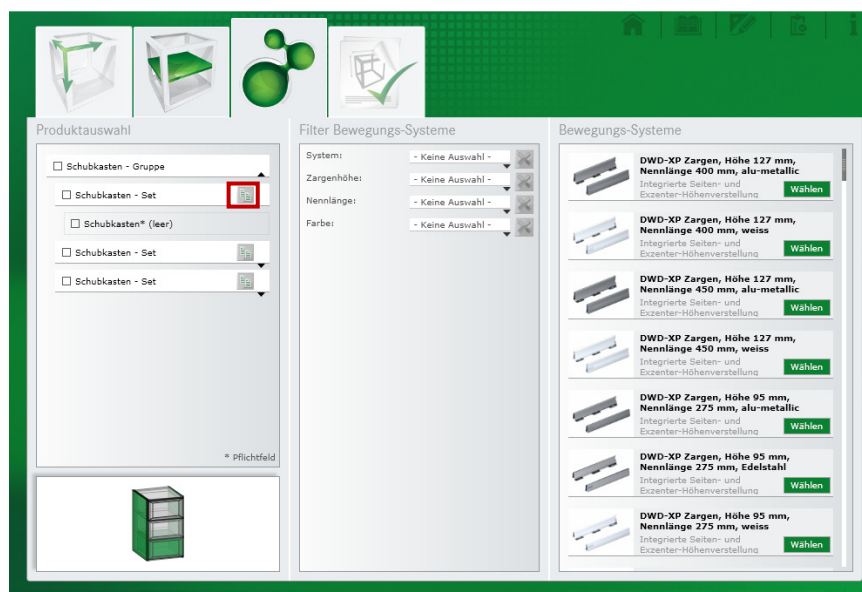
4.1 Downloading the drawings from the Cabinet Planner

If you experience problems when downloading from Internet Explorer in work step 4, please check the following Internet Explorer settings:

Tools-> Internet options -> Security -> Adjust level-> Download (see image)



4.2 When can the drawer movement systems be copied?



Drawers can generally be copied during work step 3, when the analysis results in identical parameters for each drawer. Among others, the parameters include:

- Drawer heights (internal dimensions)
- Reveals (upper, central, lower)
- Overlays (top panel, bottom panel, construction base)
- Electromechanical Yes (In this case the required components (stretcher pairs etc.) are attached to one of the drawers by the system.)

The following constructions must be observed here:

1. **Optimum utilisation of space:** The drawer slide is positioned downwards as far as possible.
 - ➔ Copying the movement systems for differently set drawers (height or reveal) is not possible!
2. **On hole spacing:** Here the attachment is moved to the next grid of the hole spacing, so the slide rail is positioned upwards. The available space is reduced accordingly.
 - ➔ Copying the movement systems of the centre drawer with 3 identically set drawers is not possible!
3. **Identical panel boreholes:** The drawer guide lines are positioned in such a way that front finishes are identical. This also reduces the available space of the centre drawer (see example above, 3 identical drawers), as the line is moved by the respective bottom panel/top panel thickness.
 - ➔ Copying the movement systems of the centre drawer with 3 identically set drawers is possible!